

## **Harrison Bay State Park**

8411 Harrison Bay Road  
Harrison, TN 37341

### **Recreation Hall Deck**

#### **Scope:**

The contractor will be responsible for all equipment, labor, and materials necessary to repair the deck and safety rail on the recreation hall at Harrison Bay State Park. This is a turnkey job. All aspects of this job will be left in a finished condition. **All work must be done in accordance with the latest industry standards and be compliant with IBC and ADA codes.** Final cleanup is included in this contract. The contractor will be responsible for safety and security of the site during this project. Contractor will use caution tape and barriers where necessary. The contractor will be responsible for notifying park staff at the end of each day before leaving, as to ensure the site is secure. All products must be installed in accordance to manufacturer recommended specifications. All products or waste will be removed and disposed of off state property. The contractor should visit site to obtain accurate measurements and information to produce an accurate quote.

**Project must start on 10/25/2021 and end on or before 11/17/2021.**

#### **Existing:**

The 2x6 pressure treated decking, safety rails and handrails have deteriorated to the point that the deck is unsafe and must be closed to the public.

#### **Removal:**

The contractor will be responsible for the removal of the damaged rails, decking, posts, stringers, treads, risers and framing members. The contractor will removal all 4x4 posts and replace with 6x6 post.

#### **Installation:**

The contractor will dig and pour concrete 20x20 footings at least 4 inches above grade and 12 below grade for each 6x6 post. The post will be attached to the footing using Simpson strong tie 6x6 brackets or similar products. The outside post will be spaced to incorporate the safety rail supports. The safety rail will be built to match the existing safety rails and must extend 42 inches above the walking surface (if the existing handrails are not a minimum of 42 inches they must be changed to comply). The post will be attached using timber lock hardware. The balusters will be evenly spaced at 4 inches or less between each. Any framing member that contain damage will be replaced

with pressure treated lumber of the same dimensions. The existing span on the back deck is greater than code allows, so the contractor will install an extra joist between each existing joist. The contractor will install new 2x6 pressure treated decking as needed (most of the rear deck will be replaced). Deck boards will be fastened with deck screws. Contractor will extend the deck to meet with an existing landing and staircase to comply with egress code. All holes in joist hangers will have fasteners and **all joists will have joist hangers**. The outside rim joist will be doubled. Where the girder boards meet the ledger boards will have a post installed. The contractor will install ledger lock screws to attach the existing ledger to the building. The contractor will repair, replace or make code compliant any decking, framing, treads, stairway, ramps, safety rail, handrail components and stringers on the recreation hall deck.

### **Handrails:**

Each stair way, and ramp must have handrails. The handrails must be between 1.25 " and 2" in diameter. Height of the handrails must be between 34" and 38". The spacing between the handrail and safety must be minimum of 1.5". The handrail must extend 12" past the top riser and one tread width below the bottom tread.

### **Protection:**

All contractors are advised to visit site to verify all conditions and dimensions. No allowances will be made by the agency due to any contractor neglecting to visit the site and verifying dimensions and conditions.

Contractor will perform work on regular time and will invoice work time and material not to exceed the quoted price. Any variance in quote will be addressed with a representative of Facilities Management, East TN Regional Office (ETRO) before additional work or materials are supplied.

### **Project specifications and Certificate of Insurance must be on project site at all times while project is ongoing.**

Work shall be scheduled to avoid any interference with normal operation of the park as much as possible. During the construction period, coordinate construction schedules and operations with the agency. **Work must be conducted during the normal business hours of Monday through Friday, 8:00 a.m. to 4:30 p.m., unless approval for an alternate schedule is arranged with Facilities Management.**

Successful contractor to schedule and attend a pre-construction conference where a pre-construction form will be signed by Facilities Management, Contractor and Park Manager or park representative before work can begin. Contractor must also schedule and attend a final inspection where a final inspection form will be signed by Facilities Management, Contractor and Park Manager or park representative before invoice will be paid.

The contractor will protect areas adjacent to the work. Contractor will protect work of other trades. Contractor will be required to notify Facilities Management and repair any damage caused back to the original condition.

Workmanship is to be warranted for not less than one year from date of final inspection. Materials will be warranted as per manufacturer warranty.

All materials, equipment, and supplies are to be new and in good condition, UL listed when applicable, and all work accomplished in a manner acceptable to Facilities Management.

Submittals shall be required on all materials and must be presented for approval by the State of Tennessee representative whether it is Architect, Engineer, Designer, Park Manager, Facilities Manager, or Facilities Surveyor. If an Architect or Engineer or Certified, Licensed Designer, then it must contain their State Seal.

Clean up of the project site shall be the responsibility of the contractor. Contractor to assure that job site is clean of nails, debris, etc., at end of each day to ensure safety. Contractor will clean up and haul away all scrap when work is completed to an approved location off state property.

Contractor, employees, or sub-contractors shall be licensed, certified, or registered as required. They must be registered in the State of Tennessee Edison purchasing system.

The contractor shall have a Certificate of Insurance on file with Facilities Management. Contractor will have insurance as will protect the contractor from claims which may arise out of or result from the contractor operations under the contract and for which the contractor may be held legally liable, whether such operations be by the contractor or by sub-contractor or by anyone directly or indirectly employed by any of them, or anyone associated with them for whose acts they may be liable. Sub-contractors must also be registered in the State of Tennessee Edison purchasing system, be listed on the bid application and must show proof of insurance and have workers compensation. Insurance requirements are listed below.

The State of Tennessee shall not be held liable for any damage, loss of property, or injury of personnel resulting from actions of the contractor and/or his/her sub-contractors or employees.

Contractor shall obtain all fees and permits required for project. Contractor shall have a copy of project specifications, permits and certificate of insurance on project site at all times.

Contractor shall comply with all codes, standards, and regulations in execution of project.

All work must conform to the International Building Code 2008. All electrical and plumbing must conform to the latest and most current codes. All Fire Marshall approved projects must have a Certificate of Occupancy issued at the completion of the project. All ADA projects must have approval of the State of Tennessee Facilities Design Coordinator and be in compliance with the latest ADA code at the completion of the project.

Invoice shall be submitted for payment within 10 days of project completion. A copy of the invoice shall be submitted to East Tennessee Regional Office via mail, fax or e-mail (address: 160 State Circle, Rocky Top, TN 37769; fax: 865-426-9488; e-mail: [deborah.g.smith@tn.gov](mailto:deborah.g.smith@tn.gov)).

For scheduling contact:

Facilities Manager: Toney Winstead, Office 865-425-4410, Mobile 865-712-1513,  
[toney.winstead@tn.gov](mailto:toney.winstead@tn.gov)

Facilities Surveyor: Phillip Scruggs, Mobile 865-340-1149, [phillip.scruggs@tn.gov](mailto:phillip.scruggs@tn.gov)

### **Insurance Requirements:**

The successful contractor(s) shall procure and maintain for the duration of the contract, at their own cost and expense insurance against claims for injuries to persons or damages to property including contractual liability which, may arise in connection with the performance of the work performed by the contractor, his agents, representatives, employees or subcontractors under the contract.

The insurance carrier(s) must be licensed to conduct business in the State of Tennessee. The insurance will be evidenced by an original or .pdf format document certificate of insurance. The certificate shall list the Department of Environment and Conservation as the certificate holder and must list the company name and address on file with the State. Should any of the policy coverage(s) provided have a major change, expire, or be canceled before the expiration date the Contractor shall fax or email [janice.lea@tn.gov](mailto:janice.lea@tn.gov), a copy of their insurer's cancellation notice within two (2) business days of receipt. The Department of Environment and Conservation shall be held harmless for any injuries, claims, or judgments against the contractor.

Certificates for liability coverages shall name "the Department of Environment and Conservation as an additional insured". The following Insurance Coverages are required:

Workers' Compensation Insurance: a certificate shall be provided which indicates the contractor provides workers' compensation coverage in compliance with the state laws of Tennessee, and Employer's Liability with the following limits:

E.L. Each Accident	\$500,000
E.L. Disease- Each Employee	\$500,000
E.L. Disease - Policy Limit	\$500,000

Workers Compensation is required if the employer has 5 or more full or part time employees.

General Liability and Property Damage Insurance: Comprehensive General Liability Insurance, including but not limited to, bodily injury, property damage, contractual liability, products liability, with combined single limits of \$500,000 per occurrence with a minimum aggregate of \$1,000,000.

The successful contractor(s) shall provide the TDEC Procurement Office with an original certificate of insurance or .pdf format document as proof of insurance coverage, as stated above, naming the State of Tennessee, Dept. of Environment and Conservation as additional insured, within ten (10) business days after request.

Upon award, failure to maintain insurance coverage for the duration of the contract period (completion of work) may result in cancellation of the contract. In the event that the insurance policy on file in the TDEC Procurement Office expires or is canceled, the contractor will be required to cease work until proof of insurance is presented.